

### **PCR Hmox1 defloxed**

1- PCR reactionTaq Buffer 10x	2 µl
MgCl <sub>2</sub> 25mM	1.2 µl
dNTPs	1 µl
Primer Hmoxd_f (5pmol/ul)	1 µl
Primer Hmoxd_r (5pmol/ul)	1 µl
Taq pol	0.2 µl
DNA	1 µl
sdH <sub>2</sub> O	12.6 µl

### 2- PCR program :

94°C for 4:00

52°C for 0:45

72°C for 1:30

93°C for 0:45

52°C for 0:45                      30 cycles

72°C for 1:00

72°C for 10:00

16°C for 5:00

### 3- Primers:

- Primer Hmoxd\_f: 5' AGG GGA AGA AGA CTC ATC GA 3'

- Primer Hmoxd\_r: 5' AGA GAG AAA GGA AAC ACA GG 3'

### 4- Amplifications:

wild-type allele: no product

floxed allele: no product

defloxed allele: 528 bp